# Model 2240 .22 Caliber (5.5 mm)
# Model 2250 .22 Caliber (5.5 mm)
# Single Shot Pellet CO2 Airgun

# OWNER'S MANUAL

**READ ALL INSTRUCTIONS AND WARNINGS IN THIS MANUAL BEFORE USING THIS AIRGUN**


Crosman Corporation
Routes 5 & 20
P.O. Box 308
E. Bloomfield, NY 14443
www.crosman.com
1-800-7AIRGUN


2250B515

**⚠ WARNING: Not a toy. Adult supervision required. Misuse or careless use may cause serious injury or death. The Model 2240 may be dangerous up to 550 yards (503 meters). The Model 2250 may be dangerous up to 600 yards (549 meters).**

YOU AND OTHERS WITH YOU SHOULD ALWAYS WEAR SHOOTING GLASSES TO PROTECT YOUR EYES.

READ ALL INSTRUCTIONS BEFORE USING.

BUYER AND USER HAVE THE DUTY TO OBEY ALL LAWS ABOUT THE USE AND OWNERSHIP OF THIS AIRRGUN.

THIS AIRGUN IS INTENDED FOR USE BY THOSE 16 YEARS OF AGE OR OLDER.

**⚠ WARNING: Lead pellets. Do not inhale dust or put pellets in mouth. Wash hands after handling. This product contains lead, a chemical known to the State of California to cause cancer and birth defects (or other reproductive harm.)**

Congratulations and thank you for purchasing the CROSMAN® Model 2240 or Model 2250 .22 caliber (5.5mm) pellet airgun. Please read this owner's manual completely. And remember, this airgun is not a toy. Treat it with the same respect you would a firearm. Always carefully follow the safety instructions found in this owner's manual and keep this manual in a safe place for future use. If you have any questions regarding your new airgun, please contact Crosman at 1-800-724-7486, 585-657-6161 or www.crosman.com and ask for Customer Service.

OPERATING PROCEDURES


1. Learning the Parts of Your New Airgun
2. Operating the Safety
3. Installing and Removing $CO_2$ Cylinders
4. Loading and Unloading Pellets
5. Aiming and Firing Safely
6. Removing a Jammed Pellet
7. Maintaining Your Airgun
8. Reviewing Safety


## 1. Learning the Parts of Your New Airgun

Learning the names of the parts of your new airgun will help you to understand your owner's manual. Use this manual to increase your enjoyment of this airgun.

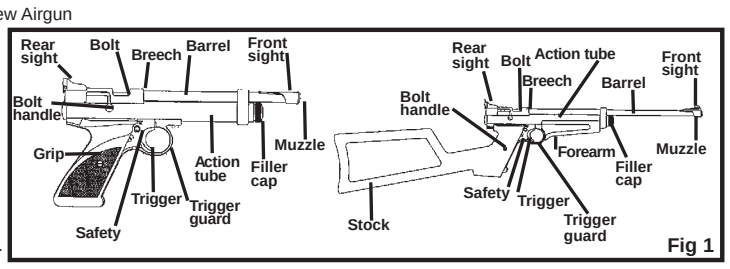

Fig 1

**A. To Put the Airgun "ON SAFE:"**

- Locate the safety directly in back of the trigger.
- Push the safety from the left side all the way in **(Fig. 2)**. The safety is not "ON SAFE" unless it is pushed all the way in and the RED ring around the left side of the safety is NOT showing.

Like all mechanical devices, an airgun safety can fail. Even when the safety is • ON SAFE", you should continue to handle the airgun safely. NEVER point the airgun at any person. NEVER point the airgun at anything you do not intend to shoot

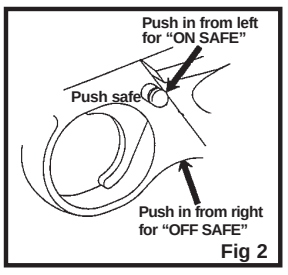

Fig 2

**B. To Take the Airgun "OFF SAFE":**

- Push the safety from the right side all the way in.
- The airgun is ready to fire when "OFF SAFE". When you can see the RED line on the left side of the safety, the airgun is "OFF SAFE" and can be fired.

**3. Installing and Removing $CO_2$ Cartridge**

**A. Installing a New $CO_2$ Cartridge**

- Put the airgun "ON SAFE."(See Section 2A)
- Slowly turn the filler cap counter-clockwise all the way until you no longer hear the escape of $CO_2$ gas.

**⚠ WARNING: $CO_2$ cylinders may explode at temperatures above 120°F (48.9°C). Do not mutilate or incinerate them. Do not expose them to heat or store $CO_2$ cylinders at temperatures above 120°F (48.9°C).**

**⚠WARNING: Keep hands and face away from escaping $CO_2$ gas. It can cause frostbite if allowed to come in contact with skin.**

- Pull the filler assembly from the action tube and remove the empty $CO_2$ cartridge (if any) by pointing the muzzle of the airgun down.
- Insert the new $CO_2$ cartridge into the airgun with the small neck of the $CO_2$ cartridge into the action tube first. **(Fig. 3)**
- Replace the filler cap assembly in the action tube. Screw the filler cap completely into place until finger tight only.
- Cock the bolt by pushing the bolt handle up and pulling it all the way back until you hear two clicks. Close the bolt and push the bolt handle down to lock.
- Point the airgun in a SAFE DIRECTION, take "OFF SAFE" (See Section 2B) and pull the trigger. If the airgun does not make a popping noise after pulling the trigger, the $CO_2$ is not being discharged. In that event, tighten the filler cap slightly and repeat cocking the bolt and firing the airgun until there is a popping noise, which will mean the airgun is releasing $CO_2$ with each pull of the trigger.

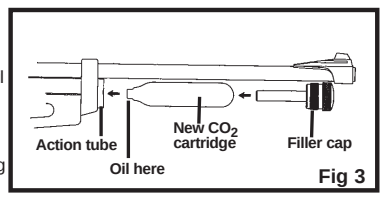

Fig 3

**⚠ WARNING: USE .22 CALIBER PELLETS ONLY IN YOUR MODEL AS2250. NEVER REUSE AMMUNITION. USE OF ANY OTHER AMMUNITION CAN CAUSE INJURY TO YOU OR DAMAGE TO THE AIRGUN.**

- Return safety to the "ON SAFE" position (See Section 2A).

NOTE: We recommend the use of Copperhead® brand Powerlet $CO_2$ cartridges. They are made to fit the Model 2240 and Model 2250 airguns. Other brands of $CO_2$ cartridges may not fit properly and if you force them into place it may result in injury to you or damage to your airgun. Never try to force any $CO_2$ cartridge into or out of place. Do not store your airgun with a $CO_2$ cartridge in it. If you know you will not be using your airgun for an extended period of time, empty the $CO_2$ cartridge and remove it from the airgun. (See Section 3A) This is very important to remember, as it will prolong the longevity of your airgun seals.

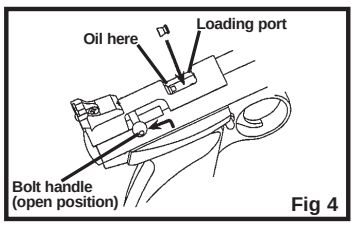

Fig 4

**B. Removing the $CO_2$ Cartridge**

- Make sure the airgun is "ON SAFE" (See Section 2A).
- Make sure the airgun is unloaded (See Section 4B).
- Point the airgun in a SAFE DIRECTION.
- Slowly turn the filler cap counter-clockwise, being sure not to put your fingers in front of the barrel.
- Move hand away from filler cap until you do not hear the escape of $CO_2$ gas
- Slowly turn the filler cap clockwise all the way being careful not to come in contact with any remaining $CO_2$.
- Pull the filler assembly from the action tube.
- Point the muzzle of the airgun down so the $CO_2$ cartridge will fall out.

**4. Loading and Unloading Pellets**

**A. Loading Pellets**

- Make sure the airgun is "ON SAFE." (See Section 2A)
- Point the airgun in a SAFE DIRECTION.
- Cock the bolt by pushing the bolt handle up and pulling the bolt all the way back. **(Fig 4)**
- With the bolt open, place one pellet, nose first, in to the loading port (breech). This is a single shot airgun. Load no more than one pellet at a time.
- Lightly push the pellet into the barrel by moving the bolt to the full forward position.
- Close and lock the bolt by pushing the bolt handle forward and down until firm resistance is felt.
- Be sure the bolt is closed and locked before firing.

**B. Unloading/Firing the Pellets**

- The most common way to unload a pellet is to fire your airgun in a SAFE DIRECTION after fully reading the owner's manual and following Section 5 on aiming and firing safely.

**C. Unloading/ Without Firing the Pellets**

- Put your airgun "ON SAFE" (see Section 2A).
- Remove the $CO_2$ cartridge (see Section 3B).
- Point the airgun in a SAFE DIRECTION.
- Cock the bolt by pushing the handle up and pulling the bolt all the way back until you hear two clicks.
- Hold the airgun as noted in **Figure 5** with the bolt in the open position, insert a ramrod in to the muzzle end of the barrel and gently push the jammed pellet in to the pellet loading port (forward of the bolt).
- Do not reuse the pellet again.

**5. Aiming and Firing Safely**

**A. Aiming the Airgun**

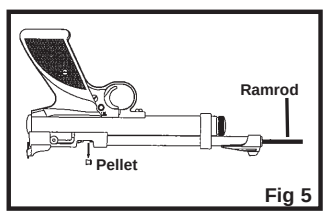

Fig 5

- Always point your airgun in a SAFE DIRECTION.
- Follow the instructions for installing a $CO_2$ cartridge (Section 3A) and loading pellets (Section 4A)
- You and others with you should always wear shooting glasses to protect your eyes.
- Do not shoot at hard surfaces or at the surface of water. The pellet may bounce off or ricochet and hit someone or something you had not intended to hit.
- Always choose your target carefully. For example, you may wish to shoot at paper bulls-eye targets that are attached to a safe backstop such as the Crosman 850 Target Trap. A heavy blanket should be hung behind the target trap to prevent ricochet should you miss the backstop.
- Your airgun is designed for target shooting and is suited for both indoor and outdoor use. Always remember to place your target carefully. THINK about what you will hit if you miss the target.
- When using the notched rear sight, the airgun is correctly aimed when the front sight blade is positioned exactly in the center of the notch of the rear sight. The top of the front sight blade should be even with the top of the notch in the rear sight. The bull's-eye should appear to rest on the top of the front sight.
- When using the peep rear sight, the airgun is correctly aimed when the bull's eye is resting on the top of the front sight blade and the bull's-eye is in the center of the peep hole. **(Fig 6A & 6B)**
- When you are sure of your target and backstop, and the area around the target is clear, take the airgun "OFF SAFE" (See section 2B) and pull the trigger to fire.

**B. Sight Adjustment**

The rear sight is designed so you can use it either as a notched sight or as a peep sight. To change from one to the other, loosen and remove the elevation screw and turn the sight over. Replace the elevation screw to secure the sight.

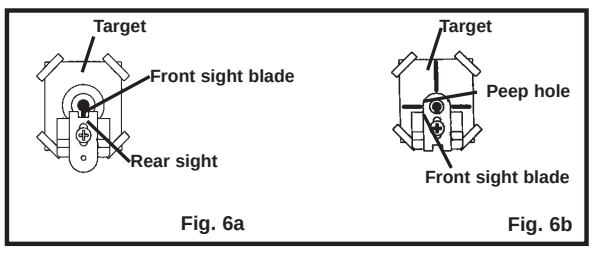

Fig. 6a Fig. 6b

The rear sight may be adjusted to shoot higher or lower (elevation). Loosen the elevation adjustment screw by turning it counterclockwise. Move the sight up to make the pellet hit higher on the target. Move the sight down to make the pellet hit lower on the target. Then tighten the elevation adjustment screw by turning it clockwise. **(Fig. 5)**

The rear sight may be adjusted to shoot right or left (windage). Loosen the windage adjustment screw by turning it counterclockwise. Move the sight to the right to make the pellet hit to the right on the target. Move the sight to the left to make the pellet hit to the left on the target. Then tighten the windage adjustment screw by turning it clockwise. **(Fig. 7)**

**6. Removing a Jammed Pellet**

- Put the airgun "ON SAFE" (See Section 2A)
- Empty and remove the CO2 cartridge. (See Section 3A)
- Open the bolt. (See Section 4A - **Fig. 4)**
- Hold the airgun as noted in Figure 4 with the bolt in the open position, insert a ramrod in to the muzzle end of the barrel and gently push the jammed pellet in to the pellet loading port (forward of the bolt).
- Push the jammed pellet into the pellet loading port (forward of the bolt). **(Fig. 5)**
- Do not try to reuse that pellet.
- If you are not able to unjam your airgun by following this procedure, take no further action. An Authorized Service Station will unjam your airgun. (no cost during the warranty period)

**7. Maintaining Your Airgun**

- Before you attempt to oil your airgun, make sure the airgun is "ON SAFE", unloaded and the $CO_2$ cylinder has been removed. (See Sections 2A, 3B and 4B )
- Your airgun will maintain proper function longer if you place one drop of oil on the bolt o-ring every 250 shots **(Fig 4).**
- Put 1 drop of Crosman 0241 Pellgunoil® on the tip of every $CO_2$ cylinder to help maintain your airgun. **(Fig. 3)** DO NOT use petroleum distillate based oil or solvent. DO NOT over-oil as this can cause damage to your airgun.
- DO NOT MODIFY OR ALTER YOUR AIRGUN. Attempts to modify the airgun in any way inconsistent with this manual may make your airgun unsafe to use, cause serious injury or death, and will void the warranty.
- If you drop your airgun, visually check to see it works properly before you use it again. If anything seems changed, like a shorter or weaker trigger pull, this may mean worn out or broken parts. Call Crosman customer service for assistance before using your airgun again.

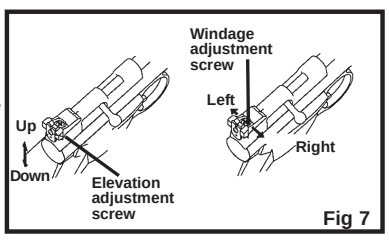

Fig 7

**8. Reviewing Safety**

- Never point the airgun at any person or at anything you do not intend to shoot.
- Always treat the airgun as though it is loaded and with the same respect you would a firearm.
- Always aim in a SAFE DIRECTION. Always keep the muzzle of the airgun pointed in a SAFE DIRECTION.
- Always keep the airgun on safe until you are ready to shoot.
- Always check to see if the airgun is "ON SAFE" and unloaded when getting it from another person or from storage.
- Always keep your finger off the trigger and out of the trigger guard until ready to shoot.
- You and others with you should always wear shooting glasses to protect your eyes.
- If your reading or prescription glasses are not safety glasses, make sure you wear shooting glasses over your regular glasses.
- Use .22 caliber (5.5 mm) pellets only. Never reuse ammunition.
- Do not shoot at hard surfaces or at the surface of water. The pellet may bounce off or ricochet and hit someone or something you had not intended to hit.
- Place the backstop in a location that will be safe should the backstop fail.
- Your backstop should be checked for wear before and after each use. All backstops are subject to wear and will eventually fail. Replace your backstop if the surface is worn or damaged or if a ricochet occurs.
- Do not attempt to disassemble or tamper with your airgun. Use an Authorized Service Station. Using unauthorized repair centers or modifying the function of your airgun in any way may be unsafe and will void your warranty.
- Always keep your CrosBlock trigger block in place when storing this airgun. Store airgun in a secure location. (See CrosBlock instructions packaged with this airgun for assistance)
- Before you store your airgun, make sure that it is unloaded, not charged, and that the airgun is "ON SAFE."

**SPECIFICATIONS:**

| | | | | | |
|---|---|---|---|---|---|
| Mechanism/Action: | | Bolt action | Sights: | Rear: | Peep or notch adjustable for windage and elevation |
| Caliber/Ammunition: | | | | Front: | Fixed |
| | 2240 | .22 caliber (5.5 mm) lead airgun pellet | Power Source: | | 12 gram $CO_2$ cartridge |
| | 2250 | .22 caliber (5.5 mm) lead airgun pellet | Safety: | | Cross bolt |
| Capacity: | | Single Shot | Velocity: | 2240 | up to 460 fps (140.3m/s) |
| Weight: | 2240 | 1 lb 13 oz (.82 kg) | | 2250 | up to 550 fps (167.64 m/s) |
| | 2250 | 3 lbs 6 oz (1.5 kg) | Barrel: | | Rifled Steel |
| Overall Length: | 2240 | 11 1/8" (28.2 cm) | | | |
| | 2250 | 30 ¼" (76.8 cm) | | | |

**PERFORMANCE**

Many factors affect velocity, including brand of projectile, type of projectile, amount of $CO_2$ in cartridge, lubrication, barrel condition and temperature.

**REPAIR SERVICE**

If your airgun needs repair, we recommend you take or send it to your nearest Crosman Authorized Service Station. DO NOT ATTEMPT TO DISASSEMBLE IT! Your airgun requires special tools and fixtures to repair it. Any disassembly or modification not performed by an Authorized Service Station will void the warranty.

**A SPECIAL CUSTOMER SERVICE**

Crosman Authorized Service Stations will unjam your airgun at no cost during the warranty period.

**LIMITED ONE YEAR WARRANTY**

This product is warranted to the retail consumer for one year from date of retail purchase against defects in material and workmanship and is transferable. To register the serial number of your airgun, please return the airgun registration form. The warranty is not conditioned on the return of the card. You should retain the original sales receipt as record of date of purchase.

**WHAT IS COVERED**

Replacement parts and labor. Transportation charges to consumer for repaired product.

**WHAT IS NOT COVERED**

**T**ransportation charges to Authorized Service Station for product. Damages caused by abuse, modification or failure to perform normal maintenance - see Owner's Manual. Any other expense. CONSEQUENTIAL DAMAGES, INCIDENTAL DAMAGES, OR INCIDENTAL EXPENSES INCLUDING DAMAGE TO PROPERTY. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.

**HOW TO OBTAIN WARRANTY PERFORMANCE**

**U.S. Customers:** Locate nearest service station (see www.Crosman.com or call Crosman customer service at 800-724-7486 for list of stations). The service station will give you details of how to proceed with sending the item in for repair. You must contact the station prior to shipping your product.

**Canadian Customers:** Contact Crosman Parts & Service- 611 Neal Drive Peterborough, ON K9J 6X7. Phone (705)-749-0206.

**International Customers:** Please return product to your nearest distributor. If you do not know your distributor, please call 585-657-6161 and ask for our International Department for assistance.

**IMPLIED WARRANTIES**

ANY IMPLIED WARRANTIES INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE LIMITED IN DURATION TO ONE YEAR FROM DATE OF RETAIL PURCHASE. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS SO THE ABOVE LIMITATIONS MAY NOT APPLY TO YOU.

To the extent any provision of this warranty is prohibited by federal, state or municipal law, which cannot be preempted, it shall not be applicable. This warranty gives you specific legal rights and you may also have other rights, which vary, from state to state.


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